

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)		CROSS OVER ISOLATION (dB) (between LPF and HPF)	RETURN LOSS (dB)		
	Low Pass port	High Pass port		Common port	Low Pass port	High Pass port
1.0	0.04	76.15	76.35	34.98	41.72	0.05
5.0	0.05	63.89	63.85	41.06	42.57	0.04
10.0	0.07	57.83	57.53	39.15	40.53	0.02
15.0	0.08	54.17	54.98	36.84	38.58	0.00
20.0	0.10	52.81	52.63	34.57	37.09	0.00
30.0	0.13	50.61	50.44	32.51	37.32	0.01
40.0	0.16	50.24	50.58	32.35	42.91	0.02
50.0	0.19	52.09	51.93	32.87	39.65	0.04
60.0	0.23	56.57	57.01	30.65	30.67	0.08
70.0	0.27	64.72	69.78	26.34	25.72	0.13
80.0	0.33	55.01	55.06	22.76	22.61	0.20
90.0	0.42	51.35	51.35	20.37	20.66	0.28
100.0	0.53	53.14	53.26	19.30	19.82	0.38
105.0	0.59	56.95	56.04	19.52	19.88	0.43
110.0	0.67	65.23	66.39	20.68	20.56	0.49
115.0	0.75	67.51	70.18	23.88	22.35	0.56
120.0	0.87	58.72	57.72	32.30	25.89	0.64
122.0	0.94	50.88	51.10	30.53	26.53	0.68
124.0	1.03	44.87	45.63	25.03	24.76	0.71
126.0	1.15	39.79	40.83	20.87	21.66	0.76
128.0	1.31	35.48	36.40	17.99	18.56	0.81
130.0	1.55	31.69	32.42	15.91	15.75	0.87
132.0	1.88	28.51	28.72	14.55	13.19	0.94
134.0	2.44	24.93	25.35	13.76	10.62	1.06
136.0	3.44	19.61	22.43	12.83	7.83	1.27
138.0	5.60	13.24	20.63	10.51	4.96	1.77
140.0	9.59	8.33	20.52	8.11	2.81	2.75
142.0	15.45	5.41	22.12	7.15	1.70	4.16
144.0	22.19	3.79	24.74	7.50	1.24	5.75
146.0	28.22	2.79	27.78	8.56	1.01	7.45
148.0	32.08	2.16	31.04	10.10	0.88	9.28
150.0	34.91	1.73	34.38	11.94	0.78	11.22
154.0	40.95	1.23	41.36	16.38	0.63	15.36
156.0	44.30	1.08	44.90	18.96	0.58	17.52
158.0	48.05	0.97	48.22	21.89	0.53	19.64
160.0	51.57	0.89	51.63	25.19	0.49	21.71
165.0	58.88	0.76	57.03	33.77	0.41	25.36
170.0	59.05	0.68	58.58	30.35	0.34	25.83
180.0	56.72	0.57	56.94	24.99	0.28	24.08
200.0	55.77	0.47	55.45	22.13	0.25	22.46
225.0	56.18	0.40	57.20	22.09	0.25	23.19
250.0	57.40	0.36	57.55	24.22	0.26	26.27
275.0	57.72	0.33	58.22	28.37	0.28	32.25
300.0	59.91	0.31	59.17	31.58	0.29	33.03
350.0	59.06	0.32	59.84	23.25	0.28	22.96
400.0	57.99	0.35	58.35	18.44	0.32	18.45
450.0	55.93	0.40	56.39	15.79	0.32	15.84
500.0	54.25	0.47	54.98	14.18	0.32	14.27
550.0	53.26	0.51	53.56	13.26	0.29	13.31
600.0	52.22	0.58	52.55	12.75	0.25	12.83
650.0	51.03	0.62	50.90	12.60	0.20	12.74
700.0	55.47	0.71	60.78	12.18	0.14	12.26
750.0	53.60	0.66	53.24	12.64	0.10	13.05
800.0	54.19	0.64	52.34	13.14	0.07	13.71
850.0	54.27	0.57	52.46	14.01	0.05	14.74
900.0	54.10	0.55	52.99	15.14	0.03	16.02
1000.0	55.65	0.43	54.75	19.14	0.03	20.36
1050.0	56.76	0.41	55.64	22.73	0.05	24.12
1150.0	60.95	0.45	58.06	32.96	0.11	29.82
1200.0	61.82	0.51	59.85	25.29	0.16	23.23
1400.0	62.90	0.77	65.20	14.61	0.32	14.14
1600.0	52.28	0.68	53.12	12.02	0.36	11.87
1800.0	47.62	0.86	45.90	13.30	0.54	13.51
2000.0	44.23	1.19	43.40	21.68	0.55	20.64

